

## 3-Way Accelerator

This 3-way, single-chamber, accelerator, is a hydraulically-operated, diaphragm-actuated, pilot that in response to pressure applied to its control chamber directs flow and pressure between its ports:

- When pressure is applied to its control chamber, it connects port "0" to "2".
- When pressure is released from its control chamber, it connects port "2" to "1".

This pilot can be used to either relay and accelerate a signal (N.O.) or to reverse and accelerate a signal (N.C.).

### Technical Data

**Pressure rating:** 25 bar (350 psi)

**Minimum operating pressure:** 0.8 bar (12 psi)

**Working temperature:** Water up to 80°C (180°F)

**Flow factor:**

**Closing:** 0 to 2 & 1 to 2: Kv 1.2 (Cv 1.4)

**Opening:** 2 to 1 & 2 to 0: Kv 1.0 (Cv 1.2)

**Standard materials:**

**Body & cover:** Brass

**Elastomers:** NBR

**Internals:** Stainless steel & brass

**Optional materials:**

**Metal parts:** Stainless steel, Nickel aluminum bronze, Hastalloy

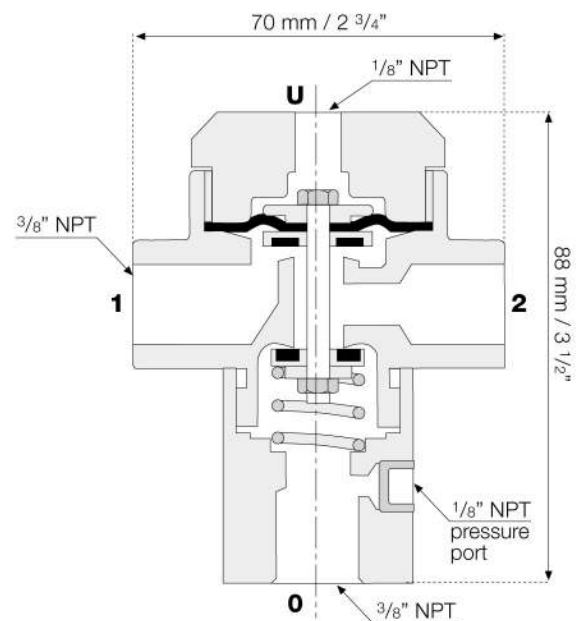
**Elastomers:** FPM (Viton®)

### Connections:

Port	N.O. *	N.C. **
1	Upstream pressure	Vent
2	Control chamber	Control chamber
0	Vent	Upstream pressure
U	Command	Command

\* With top spring - special order.

\*\* With bottom spring - standard.



Weight: 0.8 Kg / 1.7 lbs.